

22764 U.S. PTO  
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19270 U.S. PTO  
10777026  
021104

**PATENT APPLICATION**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed herewith for filing is the following utility patent application that claims priority to U.S. Provisional Application, Serial No. 60/447,406, filed February 14, 2003.

Applicant(s): **Mark N. Kawaguchi**  
**James S. Papanu**  
**Scott Williams**  
**Matthew Fenton Davis**

Title of application: **METHOD AND APPARATUS FOR REMOVING A  
HALOGEN-CONTAINING RESIDUE**

Pages of specification: 19 (4 pages of claims and 1 page  
Abstract)

Sheets of drawings: 5

Executed on: \_\_\_\_\_ Docket No.: 8033/ETCH/CHMBR

**PATENT APPLICATION FILING FEE CALCULATION**

	<u>No. Filed</u>	<u>Less</u>	<u>Rate/Claim</u>	<u>Fee</u>
Total Claims	34	-20	14 x \$18.00	\$ 252.00
Independent Claims	3	-3	0 x \$80.00	\$ 0.00
Minimum Filing Fee				\$ 770.00
Multiple Dependency Fee (if applicable - \$230.00)				\$
50% Reduction for Small Entity (Independent Inventor, Non-profit Corporation, or Small Business Concern) - appropriate verified statement attached				\$
TOTAL FILING FEE				<b><u>\$1,022.00</u></b>
TOTAL FILING FEE ENCLOSED				<b>\$ 0.00</b>

The filing fee for this application will be paid when the missing parts (e.g., Declaration and Assignment) are filed.

Kindly send all correspondence relating to this application to the following address:

Patent Counsel  
Applied Materials, Inc.  
P.O. Box 450A  
Santa Clara, CA 95052


Also enclosed herewith for filing in connection with the enclosed application are:

X Claim(s) to priority - U.S. Provisional Application  
Serial Number Filing date  
60/447,406 February 14, 2003

X 5 sheets of formal drawings.

Respectfully submitted,

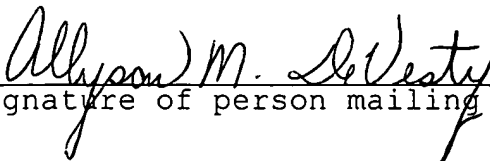
Feb 11, 2004

  
\_\_\_\_\_  
KEITH TABOADA, Attorney  
Reg. No. 45,150

**\*\*\*EXPRESS MAIL CERTIFICATION\*\*\***

"Express Mail" mailing label number: EV360627095US  
Date of deposit: February 11, 2004

I hereby certify that this patent application and related papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

  
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Signature of person mailing paper or fee

Allyson M. DeVesty  
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Name of person mailing paper or fee